



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date July 15, 2009	EPA Reg No./File Symbol 10163-xxx	Page 1 of 3
Applicant's/Registrant's Name & Address Gowan Company P.O. Box 5569 Yuma, Arizona 85366-5569	Product Scorpion Insecticide	

Ingredient dinotefuran

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
----------------------------	----------------------	-------------	-----------	--------	------

PRODUCT CHEMISTRY

830.1550	product identity and composition	NEW	Gowan Company	OWN	C0907
830.1600	description of materials used	NEW	Gowan Company	OWN	C0907
830.1650	description of formulation process	NEW	Gowan Company	OWN	C0907
830.1670	discussion for formation of impurities	NEW	Gowan Company	OWN	C0907
830.1700	preliminary analysis		not applicable; not TGAI/MUP		
830.1750	certified limits	NEW	Gowan Company	OWN	C0907
830.1800	enforcement analytical method	NEW	Gowan Company	OWN	C0907B
830.6302	color	NEW	Gowan Company	OWN	27611
830.6303	physical state	NEW	Gowan Company	OWN	27611
830.6304	odor	NEW	Gowan Company	OWN	27611
830.6313	stability to normal and elevated temps		not applicable; not a TGAI/MUP		
830.6314	oxidation/reduction	NEW	Gowan Company	OWN	27611
830.6315	flammability	NEW	Gowan Company	OWN	27611
830.6316	explosibility		not applicable; no explodable components		
830.6317	storage stability		Gowan Company	OWN	in progress

Signature 	Name and Title Robert E. Hawk, Gowan Company	Date July 15, 2009
---------------	---	-----------------------

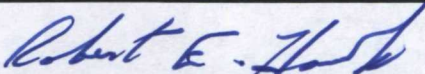


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date July 15, 2009			EPA Reg No./File Symbol 10163-xxx	Page 2 of 3	
Applicant's/Registrant's Name & Address Gowan Company P.O. Box 5569 Yuma, Arizona 85366-5569			Product Scorpion Insecticide		
Ingredient dinotefuran					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6319	miscibility		not applicable; not for use with organic diluents		
830.1620	corrosion characteristics		Gowan Company	OWN	in progress
830.6321	dielectric breakdown voltage		not applicable; not for household use		
830.7000	pH	NEW	Gowan Company	OWN	27611
830.7050	UV/visible absorption		not applicable; not a PAI		
830.7100	viscosity	NEW	Gowan Company	OWN	27611
830.7200	melting point		not applicable; not a TGAI		
830.7220	boiling point		not applicable; not a TGAI		
830.7300	density	NEW	Gowan Company	OWN	27611
830.7370	dissociation constant in water		not applicable; not a TGAI		
830.7550/7560/7570	octanol/water partition coefficient		not applicable; not a TGAI		
830.7840/7860	solubility in water		not applicable; not a TGAI		
830.7950	vapor pressure		not applicable; not a PAI		
Signature 			Name and Title Robert E. Hawk, Gowan Company		Date July 15, 2009



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date July 15, 2009	EPA Reg No./File Symbol 10163-xxx	Page 3 of 3
Applicant's/Registrant's Name & Address Gowan Company P.O. Box 5569 Yuma, Arizona 85366-5569	Product Scorpion Insecticide	

Ingredient dinotefuran

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
----------------------------	----------------------	-------------	-----------	--------	------

TOXICOLOGY

870.1100	acute oral toxicity	NEW	Gowan Company	OWN	27612
870.1200	acute dermal toxicity	NEW	Gowan Company	OWN	27613
870.1300	acute inhalation toxicity	NEW	Gowan Company	OWN	27614
870.2400	primary eye irritation	NEW	Gowan Company	OWN	27615
870.2500	primary skin irritation	NEW	Gowan Company	OWN	21616
870.2600	skin sensitization	NEW	Gowan Company	OWN	21617
other Series 870 generic	toxicology: cite-all	multiple	Whitmire Micro-Gen Research Labs The Hartz Mountain Corp. J. J. Mauget Co. Chemisco Sumitomo Chemical Company, Ltd. Mitsui Chemicals, Inc. Valent U.S.A. Corporation Spray Drift Task Force Outdoor Residential Exposure T.F. Agricultural Reentry Task Force Agricultural Handlers Exposure T.F. Currahee Animal Health Summit Vetpharm, LLC	PAY	
Series 835 generic	fate, transport, transformation: cite-all				
Series 840 generic	spray drift: cite-all				
Series 850 generic	ecological effects: cite-all				
Series 860 generic	residue chemistry: cite-all				
Series 875 generic	occupational and residential exposure: cite-all				

Signature

Robert E. Hawk

Name and Title

Robert E. Hawk, Gowan Company

Date

July 15, 2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137)U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: October 7, 2014

EPA Reg. No./File Symbol: 10163-317

Page 1 of 3

Applicant's/Registrant's Name & Address:

Gowan Company
PO BOX 5569
Yuma, AZ 85366-5569

Product

Scorpion 35SL Insecticide

Ingredient: Dinotefuran Technical (CAS# 165252-70-0)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product identity and composition	47814501	Gowan Company (10163)	Own	
830.1600	Description of materials used to produce the product	47814501	Gowan Company (10163)	Own	
830.1650	Description of formulation process	47814501	Gowan Company (10163)	Own	
830.1670	Discussion of formation of impurities	47814501	Gowan Company (10163)	Own	
830.1700	Preliminary analysis		Not applicable; not TGAI/MUP		
830.1750	Certified limits	47814501	Gowan Company (10163)	Own	
830.1800	Enforcement analytical method	47814502	Gowan Company (10163)	Own	
830.6302	Color	47814503	Gowan Company (10163)	Own	
830.6303	Physical state	47814503	Gowan Company (10163)	Own	
830.6304	Odor	47814503	Gowan Company (10163)	Own	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions		Not applicable; not TGAI/MUP		
830.6314	Oxidation/reduction: chemical incompatibility	47814503	Gowan Company (10163)	Own	
830.6315	Flammability	47814503	Gowan Company (10163)	Own	
Signature: <i>Nikki Yepez</i>			Name and Title: Nikki Yepez, Regulatory Specialist		Date: 10/7/2014

EPA Form 8570-35 (12-2003) Electronic and Paper versions available. Submit only Paper version

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W. WASHINGTON, D.C. 20460

Form Approved OMB NO. 2070-0060

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: October 7, 2014

Applicant's/Registrant's Name & Address:

Gowan Company
 PO BOX 5569
 Yuma, AZ 85366-5569

EPA Reg. No./File Symbol: 10163-317

Page 2 of 3

Product

Scorpion 35SL Insecticide

Ingredient: Dinotefuran Technical (CAS# 165252-70-0)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6316	Explosibility		Not applicable; no explodable components		
830.6317	Storage stability	48168301	Gowan Company (10163)	OWN	
830.6319	Miscibility		Not applicable; not for use with organic diluents		
830.6320	Corrosion characteristics	48168301	Gowan Company (10163)	OWN	
830.6321	Dielectric breakdown voltage		Not applicable; not for household use		
830.7000	pH	47814503	Gowan Company (10163)	OWN	
830.7050	UV/visible light absorption		Not applicable; not a PAI		
830.7100	Viscosity	47814503	Gowan Company (10163)	OWN	
830.7200	Melting point/melting range		Not applicable; not a TGAI		
830.7220	Boiling point/boiling range		Not applicable; not a TGAI		
830.7300	Density/relative density/bulk density	47814503	Gowan Company (10163)	OWN	
830.7370	Dissociation constants in water		Not applicable; not a TGAI or PAI		
830.7520	Particle size fiber length, and diameter distribution		Not applicable		
Signature <i>Nikki Yepez</i>			Name and Title: Nikki Yepez, Regulatory Specialist		Date: 10/7/2014

EPA Form 8570-35 (12-2003) Electronic and Paper versions available. Submit only Paper version

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W. WASHINGTON, D.C. 20460

Form Approved OMB NO. 2070-0060

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: October 7, 2014

Applicant's/Registrant's Name & Address:

Gowan Company
 PO BOX 5569
 Yuma, AZ 85366-5569

EPA Reg. No./File Symbol: 10163-317

Page 3 of 3

Product

Scorpion 35SL Insecticide

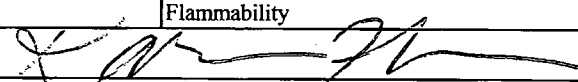
Ingredient: Dinotefuran Technical (CAS# 165252-70-0)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550/7560/7570	Partition coefficient (n-octanol/water)		Not applicable; not a TGAI or PAI		
830.7840/7860	Water solubility		Not applicable; not a TGAI or PAI		
830.7950	Vapor pressure		Not applicable; not a TGAI or PAI		
870.1100	Acute oral toxicity - rat	47814504	Gowan Company (10163)	OWN	
870.1200	Acute dermal toxicity	47814505	Gowan Company (10163)	OWN	
870.1300	Acute inhalation toxicity - rat	47814506	Gowan Company (10163)	OWN	
870.2400	Primary eye initiation - rabbit	47814507	Gowan Company (10163)	OWN	
870.2500	Primary dermal irritation	47814508	Gowan Company (10163)	OWN	
870.2600	Dermal sensitization	47814509	Gowan Company (10163)	OWN	
860-1500	Magnitude of the Residues of Dinotefuran in Cherry Tomatoes	46895901	Valent/Willife Intl./Landis	EXC	
860-1500	Magnitude of the Residues of Dinotefuran in Cherry Tomatoes, Amended Report 2	47080301	Valent/Wildlife Intl./Landis	EXC	
Signature <i>Nikki Yepez</i>			Name and Title: Nikki Yepez, Regulatory Specialist		Date: 10/7/2014

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137)U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: February 20, 2014			EPA Reg. No./File Symbol: 10163-317		Page 1 of 3
Applicant's/Registrant's Name & Address: Gowan Company PO BOX 5569 Yuma, AZ 85366-5569			Product Scorpion 35SL Insecticide		
Ingredient: Dinotefuran Technical (CAS# 165252-70-0)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product identity and composition	47814501	Gowan Company (10163)	OWN	
830.1600	Description of materials used to produce the product	47814501	Gowan Company (10163)	OWN	
830.1650	Description of formulation process	47814501	Gowan Company (10163)	OWN	
830.1670	Discussion of formation of impurities	47814501	Gowan Company (10163)	OWN	
830.1700	Preliminary analysis		Not applicable; not TGAI/MUP		
830.1750	Certified limits	47814501	Gowan Company (10163)	OWN	
830.1800	Enforcement analytical method	47814502	Gowan Company (10163)	OWN	
830.6302	Color	47814503	Gowan Company (10163)	OWN	
830.6303	Physical state	47814503	Gowan Company (10163)	OWN	
830.6304	Odor	47814503	Gowan Company (10163)	OWN	
830.6313	Stability to normal and elevated temperatures, metals, and metal ions		Not applicable; not TGAI/MUP		
830.6314	Oxidation/reduction: chemical incompatibility	47814503	Gowan Company (10163)	OWN	
830.6315	Flammability	47814503	Gowan Company (10163)	OWN	
Signature 			Name and Title: Karina Flores, Regulatory Scientist		Date: 2/20/2014

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W. WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX**Date:** February 20, 2014**EPA Reg. No./File Symbol:** 10163-317

Page 2 of 3

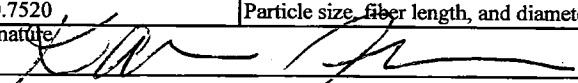
Applicant's/Registrant's Name & Address:

Gowan Company
 PO BOX 5569
 Yuma, AZ 85366-5569

Product

Scorpion 35SL Insecticide

Ingredient: Dinotefuran Technical (CAS# 165252-70-0)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6316	Explosibility		Not applicable; no explodable components		
830.6317	Storage stability	48168301	Gowan Company (10163)	OWN	
830.6319	Miscibility		Not applicable; not for use with organic diluents		
830.6320	Corrosion characteristics	48168301	Gowan Company (10163)	OWN	
830.6321	Dielectric breakdown voltage		Not applicable; not for household use		
830.7000	pH	47814503	Gowan Company (10163)	OWN	
830.7050	UV/visible light absorption		Not applicable; not a PAI		
830.7100	Viscosity	47814503	Gowan Company (10163)	OWN	
830.7200	Melting point/melting range		Not applicable; not a TGAI		
830.7220	Boiling point/boiling range		Not applicable; not a TGAI		
830.7300	Density/relative density/bulk density	47814503	Gowan Company (10163)	OWN	
830.7370	Dissociation constants in water		Not applicable; not a TGAI or PAI		
830.7520	Particle size, fiber length, and diameter distribution		Not applicable		
Signature: 			Name and Title: Karina Flores, Regulatory Scientist		Date: 2/20/2014

EPA Form 8570-35 (12-2003) Electronic and Paper versions available. Submit only Paper version

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W. WASHINGTON, D.C. 20460

Form Approved OMB NO. 2070-0060

Paperwork Reduction Act Notice: The Public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPP Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date: February 20, 2014

Applicant's/Registrant's Name & Address:

Gowan Company
 PO BOX 5569
 Yuma, AZ 85366-5569

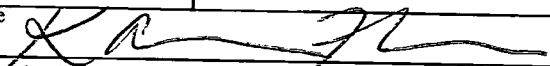
EPA Reg. No./File Symbol: 10163-317

Page 3 of 3

Product

Scorpion 35SL Insecticide

Ingredient: Dinotefuran Technical (CAS# 165252-70-0)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550/7560/7570	Partition coefficient (n-octanol/water)		Not applicable; not a TGAI or PAI		
830.7840/7860	Water solubility		Not applicable; not a TGAI or PAI		
830.7950	Vapor pressure		Not applicable; not a TGAI or PAI		
870.1100	Acute oral toxicity - rat	47814504	Gowan Company (10163)	OWN	
870.1200	Acute dermal toxicity	47814505	Gowan Company (10163)	OWN	
870.1300	Acute inhalation toxicity - rat	47814506	Gowan Company (10163)	OWN	
870.2400	Primary eye irritation - rabbit	47814507	Gowan Company (10163)	OWN	
870.2500	Primary dermal irritation	47814508	Gowan Company (10163)	OWN	
870.2600	Dermal sensitization	47814509	Gowan Company (10163)	OWN	
Signature			Name and Title: Karina Flores, Regulatory Scientist		Date: 2/20/2014

EPA Form 8570-35 (12-2003) Electronic and Paper versions available. Submit only Paper version